

IN THE CLAIMS:

Please amend the claims as follows.

1. (Currently Amended) A method for increasing the thermal stability of a well fluid comprising:

mixing an effective amount of a miscible amine in the well fluid ~~in an absence of a cross-linkant~~, wherein the well fluid comprises a viscosifying synthetic polymer, ~~and wherein the well fluid~~ and is a non-oleaginous liquid, wherein the miscible amine comprises triethanol amine, and wherein the well fluid maintains viscosity when subjected to an elevated temperature.

2. (Currently Amended) The method of claim 1, wherein the miscible amine further comprises an amine selected from the group consisting of primary, secondary and tertiary amines, and mixtures thereof.

3. (Original) The method of claim 1, wherein the miscible amine comprises about 0.2% to about 20% by weight of the well fluid.

4. (Original) The method of claim 3, wherein the miscible amine comprises about 0.6% to about 12% by weight of the well fluid.

5. (Original) The method of claim 3, wherein the synthetic polymer comprises about 0.3% to about 5% by weight of the well fluid.

6. (Original) The method of claim 4, wherein the synthetic polymer comprises about 0.6% to about 2.6% by weight of the well fluid.

7. (Currently Amended) A method for increasing the thermal stability of a well fluid comprising:

mixing an effective amount of a miscible amine in the well fluid, wherein the well fluid comprises a viscosifying synthetic polymer and is a non-oleaginous

liquid, and wherein the viscosifying synthetic polymer comprises polyethylene glycol, wherein the miscible amine comprises triethanol amine, and wherein the well fluid maintains viscosity when subjected to an elevated temperature.

8. (Canceled)

9. (Currently Amended) A method for increasing the thermal stability of a well fluid comprising:

mixing about 0.2% to about 20% by weight of a miscible amine into the well fluid ~~in an absence of a cross-linkant~~, wherein the well fluid comprises a viscosifying synthetic polymer, and wherein the well fluid and is a non-oleaginous liquid, wherein the miscible amine comprises triethanol amine, and wherein the well fluid maintains viscosity when subjected to an elevated temperature.

10. (Currently Amended) The method of claim 9, wherein the miscible amine further comprises an amine selected from the group consisting of primary, secondary and tertiary amines, and mixtures thereof.

11. (Currently Amended) A method for increasing the thermal stability of a well fluid comprising:

mixing about 0.2% to about 20% by weight of a miscible amine into the well fluid, wherein the well fluid comprises a viscosifying synthetic polymer and is a non-oleaginous liquid, and wherein the viscosifying synthetic polymer comprises polyethylene glycol, wherein the miscible amine comprises triethanol amine, and wherein the well fluid maintains viscosity when subjected to an elevated temperature.

12. (Original) The method of claim 10, wherein the synthetic polymer comprises about 0.3% to about 5% by weight of the well fluid.

13. (Canceled)

14. (Currently Amended) A thermally stable well fluid comprising:

a viscosifying synthetic polymer; and

an effective amount of miscible amine admixed with the viscosifying synthetic polymer ~~in an absence of a cross-linkant~~,

wherein the well fluid is a non-oleaginous liquid, wherein the miscible amine comprises triethanol amine, and wherein the well fluid maintains viscosity when subjected to an elevated temperature.

15. (Currently Amended) The method of claim 14, wherein the miscible amine further comprises an amine selected from the group consisting of primary, secondary and tertiary amines, and mixtures thereof.

16. (Original) The well fluid of claim 14, wherein the synthetic polymer comprises polyethylene glycol.

17. (Canceled)

18. (Original) The well fluid of claim 14, wherein the miscible amine comprises about 0.2 % to about 20% by weight of the well fluid.

19. (Original) The well fluid of claim 18, wherein the miscible amine comprises about 0.6% to about 12% by weight of the well fluid.

20. (Original) The well fluid of claim 18, wherein the synthetic polymer comprises about 0.3% to about 5% by weight of the well fluid.

21. (Original) The well fluid of claim 19, wherein the synthetic polymer comprises about 0.6% to about 2.6% by weight of the well fluid.

22. (Currently Amended) A method of treating a well comprising:

injecting a well treating fluid into the well, wherein the well treating fluid comprises a viscosifying synthetic polymer and an effective amount of a miscible amine, ~~in an absence of a cross linkant, and~~ wherein the well treating fluid is a non-oleaginous liquid, wherein the miscible amine comprises triethanol amine, and wherein the treating fluid maintains viscosity when subjected to an elevated temperature.

23. (Currently Amended) The method of claim 22, wherein the miscible amine further comprises an amine selected from the group consisting of primary, secondary and tertiary amines and mixtures thereof.

24. (Original) The method of claim 22, wherein the synthetic polymer comprises polyethylene glycol.

25. (Canceled)

26. (Original) The method of claim 22, wherein the miscible amine comprises about 0.2% to about 20% by weight of the well treating fluid.

27. (Original) The method of claim 26, wherein the miscible amine comprises about 0.6% to about 12% by weight of the well treating fluid.

28. (Original) The method of claim 26, wherein the synthetic polymer comprises about 0.3% to about 5% by weight of the well treating fluid.

29. (Original) The method of claim 27, wherein the synthetic polymer comprises about 0.6% to about 2.6% by weight of the well treating fluid.